

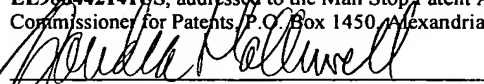
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on April 16, 2004 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, Mailing Label Number **EL9854421411** U.S. addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket No.: LMRX-P013C1/P0861X

First Named Inventor: LI

  
Sandra Halliwell

**UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))**  
(Continuation, Divisional or Continuation-in-part application)

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:  
**Si Yi LI, S. M. Reza SADJADI, David R. PIRKLE, Stephan LASSIG, Sean KANG,**  
**Vinay POHRAY, and Peter CIRIGLIANO**

For: **TRENCH ETCH PROCESS FOR LOW-K DIELECTRICS**

Assigned to: Lam Research Corporation

This application is a ☐ Continuation ☒ Divisional ☐ Continuation-in-part

of prior Application No. 09/972,765, from which priority under 35 U.S.C. §120 is claimed.

**Application Elements:**

☒ **20** Pages of Specification, Claims and Abstract

☒ **07** Sheets of formal Drawings

☒ Declaration

☐ Newly executed

☒ Copy from a prior application (37 CFR 1.63(d) for a continuation or divisional).

The entire disclosure of the prior application from which a copy of the declaration is herein supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ Deletion of inventors Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Accompanying Application Parts:

- ☐ Do not publish this application. Nonpublication Request is attached.
- ☐ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
- ☐ Power of Attorney
- ☐ 37 CFR 3.73(b) Statement by Assignee
- ☐ Information Disclosure Statement with Form PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment (*New claims numbered after highest original claim in prior application.*)
- ☒ Return Receipt Postcard
- ☐ Other:

Amendments

- ☒ Amend the specification by inserting before the first line the sentence:

“This is a Continuation application of co-pending prior Application No. 09/972,765 filed on October 5, 2001, the disclosure of which is incorporated herein by reference.”

- ☒ Cancel in this application original claims 1 - 19 of the prior application before calculating the filing fee.

Fee Calculation (37 CFR § 1.16)

- ☐ Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

|   | (Col. 1)<br>Total Claims |       | (Col. 2)<br>Claims | (Col. 3)<br>Present Extra | Rate    | Additional Fee |
|---|--------------------------|-------|--------------------|---------------------------|---------|----------------|
| TOTAL   | 05                       | MINUS | 20                 | = 0                       | x 18 =  | 0              |
| INDEP.  | 01                       | MINUS | 3                  | = 0                       | x 84 =  | 0              |
| [ ] First presentation of multiple dependent claim    |                          |       |                    |                           | \$280 = | 0              |
| Basic Filing Fee under 37 C.F.R. §1.16(a)             |                          |       |                    |                           | \$770 = | 770.00         |
| TOTAL   |                          |       |                    |                           |         | 770.00         |
| SMALL ENTITY 50% FILING FEE REDUCTION (if applicable) |                          |       |                    |                           |         | --             |

- ☒ Check No. 6002 in the amount of \$770.00 is enclosed.

- ☒ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required to process this application, or to credit any overpayment to Deposit Account No. 502488 (Order No. LMRX-P013).

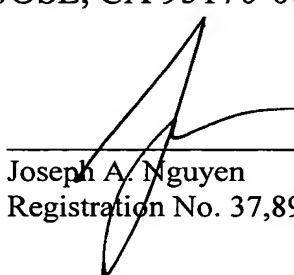
General Authorization for Petition for Extension of Time (37 CFR § 1.136)

☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR § 1.17 as may be needed to Deposit Account No. 502488 (Order No. LMRX-P013).

☒ Please send correspondence to the following address:

Customer No. 32,986  
IPSG, P.C.  
P.O. BOX 700640  
SAN JOSE, CA 95170-0640

Date: April 16, 2004



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Registration No. 37,899